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## **(54) LITHOGRAPHIC PRINTING PLATE WITH HYDROPHILIC BARRIER LAYER OVERCOATED ON ALUMINUM SUPPORT**

(57)Abstract:

PURPOSE: To provide a printing plate with a more efficient barrier layer which has a stably treated and hydrophilic surface and imparts reliable adhesive properties to a negative or a positive radiation-sensitive skin to be applied following the hydrophilic surface.

CONSTITUTION: This lithographic printing plate comprises an aluminum support, an imaging layer which provides a lithographic printing face and a hydrophilic barrier layer to be introduced into a space between the aluminum support and the imaging layer. In addition, the lithographic printing plate is characterized by that the hydrophilic barrier layer contains a copolymer of 40-90 mol% vinylphosphonic acid and 10-60 mol% acrylamide.

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